NV-GS200SERIES,GS120SERIES INTERCONNECTION SCHEMATIC DIAGRAM

FLASH

FLASH FLEX.

FLASH OPEN

FLASH SW C.B.A.

ECM(R)

ECM(L)

MIC UNIT

MF SENSOR C.B.A.

(NV-GS200SERIES ONLY)

REMOTE CONTROL RECEIVER

FRONT C.B.A.

LENS UNIT

CCD FLEX.CARD C.B.A.

SUB C.B.A.

- CAMERA
- MPEG
- SUB POWER
- LENS DRIVE
- SUB CONNCTOR

(NV-GS200SERIES ONLY)

EVR

EVR2

CASSETTE COVER UNIT(TOP)

SPEAKER

SIDE(L) C.B.A.

REAR OPERATION UNIT

SIDE(R) C.B.A. (VTR OPERATION FLEX.UNIT)

SIDE(R) C.B.A. (R RELAY C.B.A.)

SIDE(R) C.B.A. (LCD DET C.B.A.)

SIDE(R) C.B.A. (SD OPEN C.B.A.)

FP7002

1	KCENON(K)	27
2	KCENON(K)	26
3	KCENON(K)	25
4	KCENON(K)	24
5	KCENON(K)	23
6	KCENON(K)	22
7		21
8		20
9		19
10		18
11		17
12		16
13	GND G	15
14	GND G	14
15	GND G	13
16		12
17		11
18		10
19		9
20		8
21		7
22		6
23		5
24		4
25		3
26		2
27		1
	KCENON(A)	
	KCENON(A)	
	KCENON(A)	
	KCENON(A)	
	KCENON(A)	

FP4801 (24PIN:NV-GS200SERIES) (18PIN:NV-GS120SERIES)

1	IR OUT	1
2	TALLY	2
3	REMOCON	3
4	REG A5V	4
5	REG A5V	5
6	ST NOREG	6
7	ST NOREG	7
8	NOREG GND	8
9	NOREG GND	9
10	MIC 5V	10
11	MIC 5V	11
12	MIC (L)	12
13	MIC GND	13
14	MIC GND	14
15	MIC (R)	15
16	D GND	16
17	D GND	17
18	F OPEN	18
	TRIG END	19
	CHA END	20
	CHARGE	21
	MF L1	22
	MF L2	23
	MF LED	24

FP7001

1	GND
2	MF L1
3	MF VCC
4	MF L2
5	MF VCC
6	MF LED

FP4002

1	D GND
2	D GND
3	F OPEN
4	TRIG END
5	CHA END
6	CHARGE
7	
8	MF L1
9	MF L2
10	MF LED

FP701

1		1
2		2
3	FMR VCC	3
4	FMR VCC	4
5	FMR A	5
6	FMR B	6
7	FMR GND	7
8	FMR GND	8
9	FMT(+)	9
10	FMT(-)	10
11	ALC M(+)	11
12	ALC CNT(+)	12
13	H IN(+)	13
14	H IN(-)	14
15	H OUT(+)	15
16	ALC CNT(-)	16
17	ALC M(-)	17
18	ZAN	18
19	ZBN	19
20	ZAP	20
21	ZBP	21
22	Z ABS	22
23	Z LED	23
24	ZENC VCC	24
25	ND DRV(+)	25
26	ND H IN(+)	26
27	ND H O(+)	27
28	ND H IN(-)	28
29	ND H O(-)	29
30	ND DRV(-)	30
31	ND CNT(-)	31
32	ND CNT(+)	32
33		33

PP201

A GND	21	20	SIG R
SUB R	22	19	A GND
H1 R	23	18	5V RG
H2 R	24	17	5V RG
V4 R	25	16	A GND
V3 R	26	15	A GND
V2 R	27	14	SIG G
V1 R	28	13	A GND
-8V	29	12	V1 G
-8V	30	11	V2 G
SUB G	31	10	V3 G
H1 G	32	9	V4 G
H2 G	33	8	15V
R	34	7	15V
V4 B	35	6	V3 B
V2 B	36	5	V1 B
SUB B	37	4	5V B
H1 B	38	3	5V B
H2 B	39	2	A GND
A GND	40	1	SIG B

PS201

A GND	21	20	SIG R
SUB R	22	19	A GND
H1 R	23	18	5V RG
H2 R	24	17	5V RG
V4 R	25	16	A GND
V3 R	26	15	A GND
V2 R	27	14	SIG G
V1 R	28	13	A GND
-8V	29	12	V1 G
-8V	30	11	V2 G
SUB G	31	10	V3 G
H1 G	32	9	V4 G
H2 G	33	8	15V
R	34	7	15V
V4 B	35	6	V3 B
V2 B	36	5	V1 B
SUB B	37	4	5V B
H1 B	38	3	5V B
H2 B	39	2	A GND
A GND	40	1	SIG B

PP201 (150PIN:NV-GS200SERIES) (100PIN:NV-GS120SERIES)

1	D GND	150	1
2	D GND	149	2
3	D GND	148	3
4	D GND	147	4
5	D GND	146	5
6	D GND	145	6
7	D GND	144	7
8	D GND	143	8
9	D GND	142	9
10	D GND	141	10
11	D GND	140	11
12	D GND	139	12
13	CLK45	138	13
14	Y IN0/YC IN0	137	14
15	Y IN1/YC IN1	136	15
16	Y IN2/YC IN2	135	16
17	Y IN3/YC IN3	134	17
18	Y IN4/YC IN4	133	18
19	Y IN5/YC IN5	132	19
20	Y IN6/YC IN6	131	20
21	Y IN7/YC IN7	130	21
22	C IN0/MYC IN0	129	22
23	C IN1/MYC IN1	128	23
24	C IN2/MYC IN2	127	24
25	C IN3/MYC IN3	126	25
26	C IN4/MYC IN4	125	26
27	C IN5/MYC IN5	124	27
28	C IN6/MYC IN6	123	28
29	C IN7/MYC IN7	122	29
30	CLK135	121	30
31	IN#1	120	31
32	INV	119	32
33	3CCD 3V	118	33
34	3CCD 3V	117	34
35	REG 15V	116	35
36	REG 15V	115	36
37	REG - 7.5V	114	37
38	REG A5V	113	38
39	REG A5V	112	39
40	REG D3V	111	40
41	REG D3V	110	41
42	CAM 1.5V	109	42
43	CAM 1.5V	108	43
44	CAM 1.5V	107	44
45	SUB 1.8V	106	45
46	SUB 1.8V	105	46
47	SUB 1.8V	104	47
48		103	48
49		102	49
50	LENS 3V	101	50
51	MPEG 3V	100	51
52	MPEG 3V	99	52
53	CLKC78 M	98	53
54	CLKC7D	97	54
55	YC IO0	96	55
56	YC IO1	95	56
57	YC IO2	94	57
58	YC IO3	93	58
59	YC IO4	92	59
60	YC IO5	91	60
61	YC IO6	90	61
62	YC IO7	89	62
63	SHMF IWR	88	63
64	SHMF IRS	87	64
65	SHMF CS	86	65
66	SHMF D0	85	66
67	SHMF D1	84	67
68	SHMF D2	83	68
69	SHMF D3	82	69
70	SHMF D4	81	70
71	SHMF D5	80	71
72	SHMF D6	79	72
73	SHMF D7	78	73
74	MPEG D3V	77	74
75	MPEG D3V	76	75

PS3001 (150PIN:NV-GS200SERIES) (100PIN:NV-GS120SERIES)

1	D GND	150	1
2	D GND	149	2
3	D GND	148	3
4	D GND	147	4
5	D GND	146	5
6	D GND	145	6
7	D GND	144	7
8	D GND	143	8
9	D GND	142	9
10	D GND	141	10
11	D GND	140	11
12	D GND	139	12
13	CLK45	138	13
14	Y IN0/YC IN0	137	14
15	Y IN1/YC IN1	136	15
16	Y IN2/YC IN2	135	16
17	Y IN3/YC IN3	134	17
18	Y IN4/YC IN4	133	18
19	Y IN5/YC IN5	132	19
20	Y IN6/YC IN6	131	20
21	Y IN7/YC IN7	130	21
22	C IN0/MYC IN0	129	22
23	C IN1/MYC IN1	128	23
24	C IN2/MYC IN2	127	24
25	C IN3/MYC IN3	126	25
26	C IN4/MYC IN4	125	26
27	C IN5/MYC IN5	124	27
28	C IN6/MYC IN6	123	28
29	C IN7/MYC IN7	122	29
30	CLK135	121	30
31	IN#1/CLK27 CAM	120	31
32	INV	119	32
33	3CCD 3V	118	33
34	3CCD 3V	117	34
35	REG 15V	116	35
36	REG 15V	115	36
37	REG - 7.5V	114	37
38	REG A5V	113	38
39	REG A5V	112	39
40	REG D3V	111	40
41	REG D3V	110	41
42	CAM 1.5V	109	42
43	CAM 1.5V	108	43
44	CAM 1.5V	107	44
45	SUB 1.8V	106	45
46	SUB 1.8V	105	46
47	SUB 1.8V	104	47
48		103	48
49		102	49
50	LENS 3V	101	50
51	MPEG 3V	100	51
52	MPEG 3V	99	52
53	CLKC78 M	98	53
54	CLKC7D	97	54
55	YC IO0	96	55
56	YC IO1	95	56
57	YC IO2	94	57
58	YC IO3	93	58
59	YC IO4	92	59
60	YC IO5	91	60
61	YC IO6	90	61
62	YC IO7	89	62
63	SHMF IWR	88	63
64	SHMF IRS	87	64
65	SHMF CS	86	65
66	SHMF D0	85	66
67	SHMF D1	84	67
68	SHMF D2	83	68
69	SHMF D3	82	69
70	SHMF D4	81	70
71	SHMF D5	80	71
72	SHMF D6	79	72
73	SHMF D7	78	73
74	MPEG D3V	77	74
75	MPEG D3V	76	75

1	D GND	150
2	D GND	149
3	D GND	148
4	D GND	147
5	D GND	146
6	D GND	145
7	D GND	144
8	D GND	143
9	D GND	142
10	D GND	141
11	D GND	140
12	D GND	139
13	CLK45	138
14	Y IN0/YC IN0	137
15	Y IN1/YC IN1	136
16	Y IN2/YC IN2	135
17	Y IN3/YC IN3	134
18	Y IN4/YC IN4	133
19	Y IN5/YC IN5	132
20	Y IN6/YC IN6	131
21	Y IN7/YC IN7	130
22	C IN0/MYC IN0	129
23	C IN1/MYC IN1	128
24	C IN2/MYC IN2	127
25	C IN3/MYC IN3	126
26	C IN4/MYC IN4	125
27	C IN5/MYC IN5	124
28	C IN6/MYC IN6	123
29	C IN7/MYC IN7	122
30	CLK135	121
31	IN#1	120
32	INV	119
33	3CCD 3V	118
34	3CCD 3V	117
35	REG 15V	116
36	REG 15V	115
37	REG - 7.5V	114
38	REG A5V	113
39	REG A5V	112
40	REG D3V	111
41	REG D3V	110
42	CAM 1.5V	109
43	CAM 1.5V	108
44	CAM 1.5V	107
45	SUB 1.8V	106
46	SUB 1.8V	105
47	SUB 1.8V	104
48		103
49		102
50	LENS 3V	101
51	MPEG 3V	100
52	MPEG 3V	99
53	CLKC78 M	98
54	CLKC7D	97
55	YC IO0	96
56	YC IO1	95
57	YC IO2	94
58	YC IO3	93
59	YC IO4	92
60	YC IO5	91
61	YC IO6	90
62	YC IO7	89
63	SHMF IWR	88
64	SHMF IRS	87
65	SHMF CS	86
66	SHMF D0	85
67	SHMF D1	84
68	SHMF D2	83
69	SHMF D3	82
70	SHMF D4	81
71	SHMF D5	80
72	SHMF D6	79
73	SHMF D7	78
74	MPEG D3V	77
75	MPEG D3V	76

FP2001

1	EVR SCK
2	EVR SBI
3	EVR SBO
4	PCST3
5	CAMF VPP/MODE1
6	CAMF VPP/MODE0
7	CAM RST
8	DBGE
9	DREST
10	SDA0 TPC
11	SDI DINT
12	PCST0
13	PCST1
14	P ON
15	DCLK
16	PCST2

PP3001

TEST	1	2
REG A5V	3	4
ATFI	5	6
ENVELOPE	7	8
HID1	9	10
MON M R OUT	11	12
MON M E OUT	13	14
MON M B OUT	15	16
MON M PUL	17	18
MON M VCOM	19	20
V HP R	21	22
MON E R OUT	23	24
MON M G OUT	25	26
MON E B OUT	27	28
MON E VCOM	29	30
CAM AGND	31	32
UARTI	33	34
UARTO	35	36
SYSTEM RST	37	38
CAM VD	39	40

FP6505

D GND	1	2
D GND	3	4
MIC(R)	5	6
MIC GND	7	8
MIC GND	9	10
MIC(L)	11	12
MIC 5V	13	14
MIC 5V	15	16
NOREG GND	17	18
NOREG GND	19	20
	21	22
ST NOREG	23	24
ST NOREG	25	26
ST NOREG	27	28
	29	30
REG A5V	31	32
REG A5V	33	34
REMOCON	35	36
TALLY	37	38
IR OUT	39	40

FP6501

RTC 3V	1	2
	3	4
RTC CS	5	6
RTC SCK	7	8
RTC DTO	9	10
RTC INT	11	12
GND	13	14
AVREF	15	16
ZOOM AD	17	18
	19	20
SP OUT2	21	22
SP OUT2	23	24
SP OUT1	25	26
SP OUT1	27	28
RESET	29	30
	31	32
VTR KEY 5	33	34
	35	36
	37	38
	39	40
POWER ON	41	42

FP6502

DEW	1	2
	3	4
PHOTO2	5	6
PHOTO	7	8
GND	9	10
CAM KEY 1	11	12
REG D3V	13	14
STANDBY LED	15	16
POWER LED	17	18
S/S	19	20
STANDBY SW	21	22
GND	23	24
	25	26
	27	28
	29	30

FP6503

GND	1	2
VTR KEY 3	3	4
VTR KEY 1	5	6
VTR KEY 2	7	8
REG D3V	9	10
LCD OPEN	11	12
CARD LED	13	14
CARD DOOR	15	16
BLC	17	18
REC REV	19	20

FP6601

1	REC REV
2	BLC
3	CARD DOOR
4	CARD LED
5	LCD OPEN
6	GND

FP6302

1	
2	
3	GND
4	ZOOM AD
5	AVREF
6	

FP6301

VTR KEY 5	1	2
	3	4
RESET	5	6
SP OUT1	7	8
SP OUT1	9	10
SP OUT2	11	12
SP OUT2	13	14
ZOOM AD	15	16
AVREF	17	18
GND	19	20
RTC INT	21	22
RTC DIO	23	24
RTC SCK	25	26
RTC CS	27	28
	29	30
RTC 3V	31	32

W T ZOOM

RESET

LITHIUM BATTERY

FULL AUTO/MANUAL/FOCUS

MODE DIAL

POWER START/STOP

QUIQ START

PHOTO SHOT

REW/SER(-) PLAY/BLC FF/SER(+) MENU

COLOUR NIGHT VIEW STOP/ FADE PAUSE/ STILL MULTI/ P-IN-P

BACK LIGHT TELE MACRO SOFT SKIN REC

REC/REV

BLC

LCD OPEN

CARD DOOR